Creation of EC2 Instance Using Terraform:

The first step to using Terraform is typically to configure the providers

Basically it tells Terraform that you are going to be using AWS as your provider and that you want to deploy your infrastructure into the us-east-1 region.

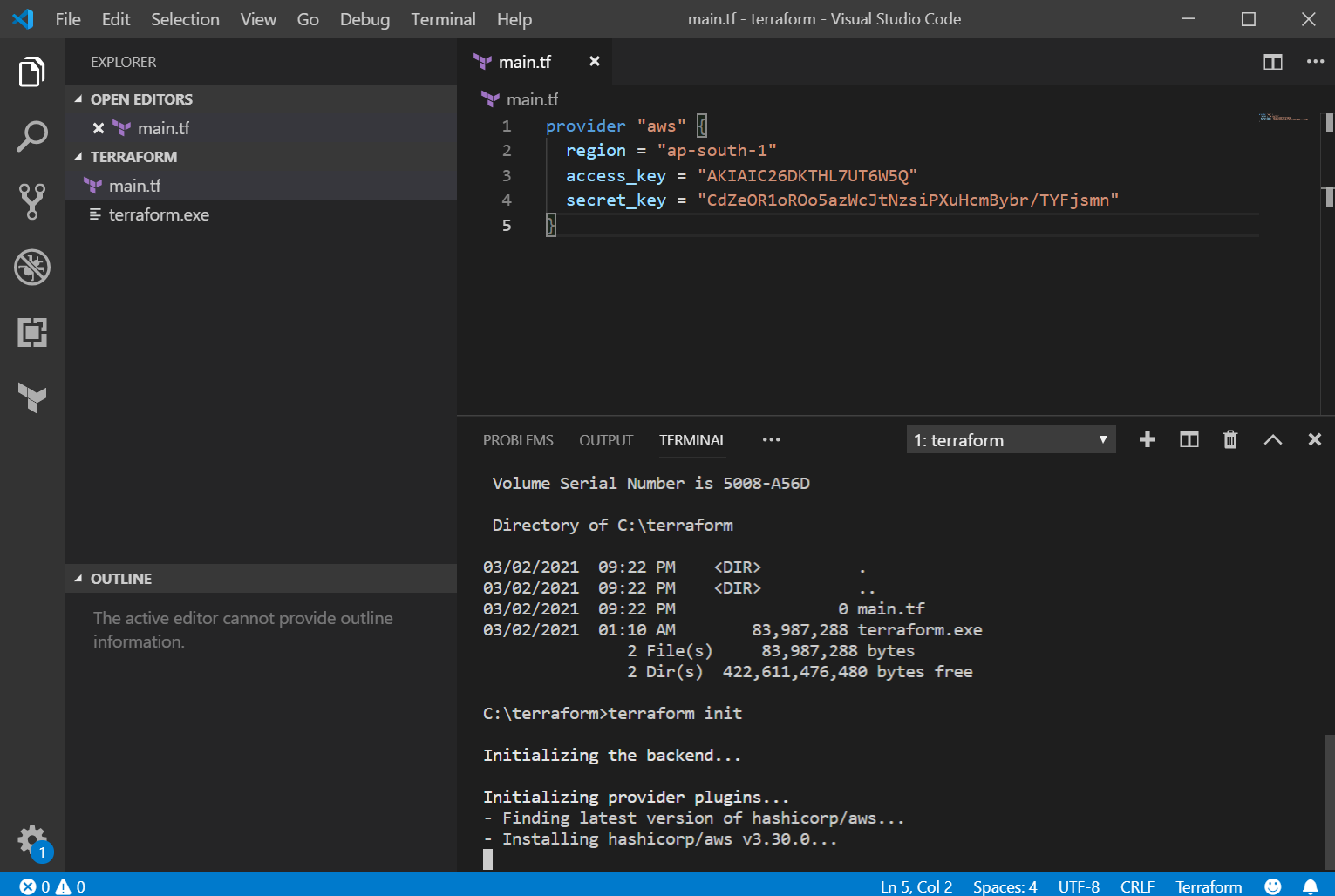
Provider can be any as per you: aws, azure, gcp

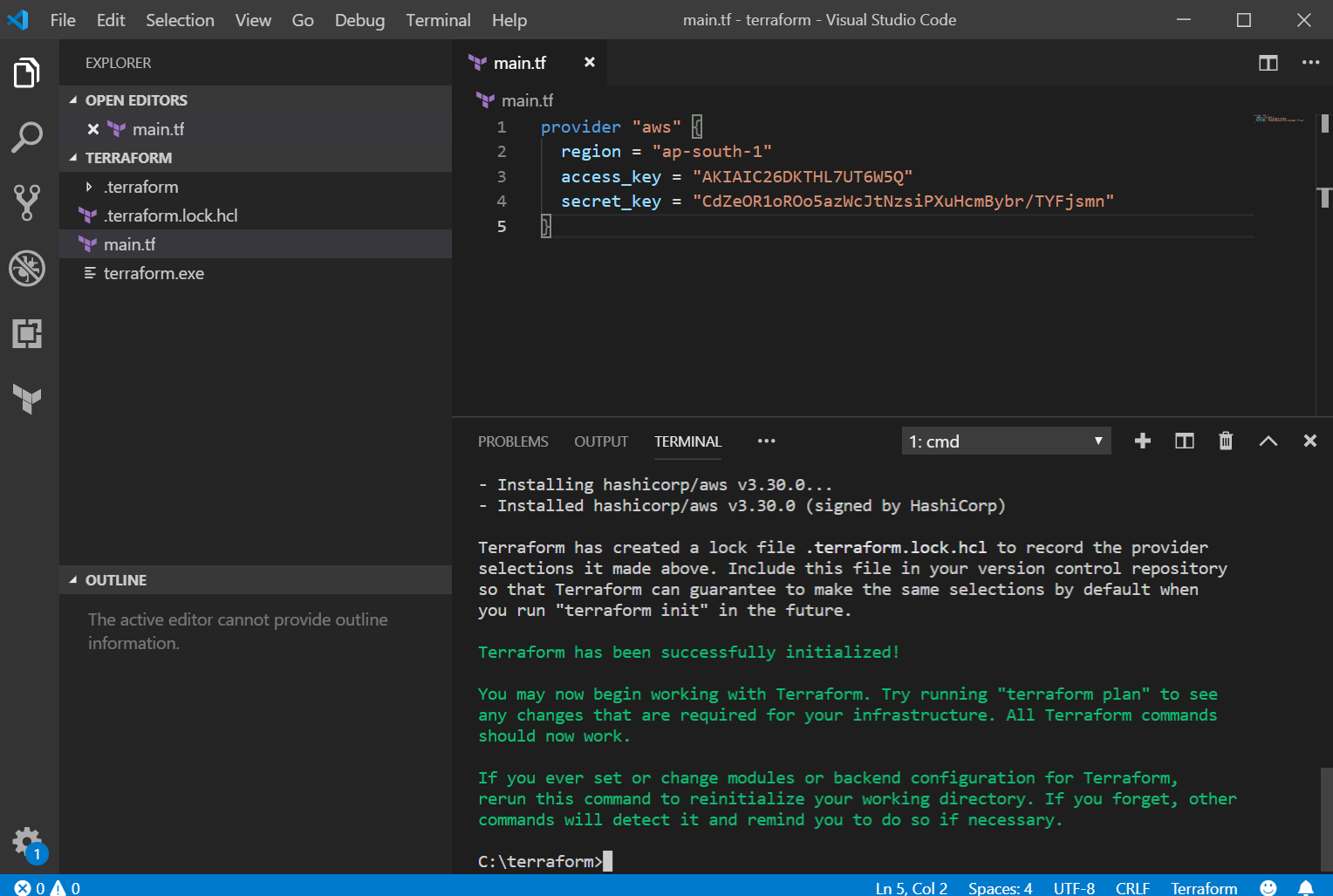
when you’re first starting to use Terraform, you need to run **terraform init** to tell Terraform to scan the code, figure out which providers you’re using, and download the code for them. By default, the provider code will be downloaded into a .terraform folder, which is Terraform’s scratch directory. You need to run init any time you start with new Terraform code, and that it’s safe to run init multiple times

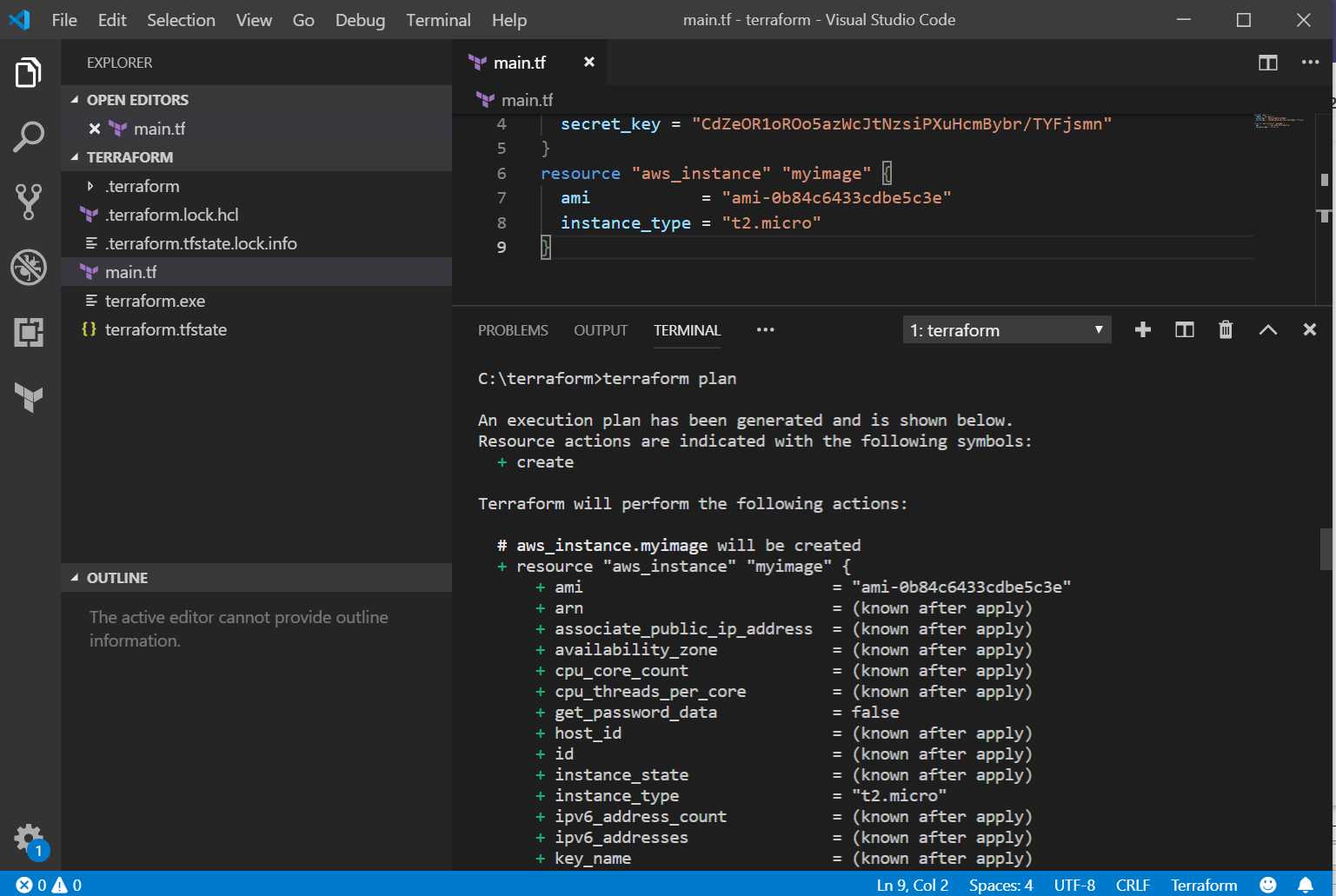
terraform plan

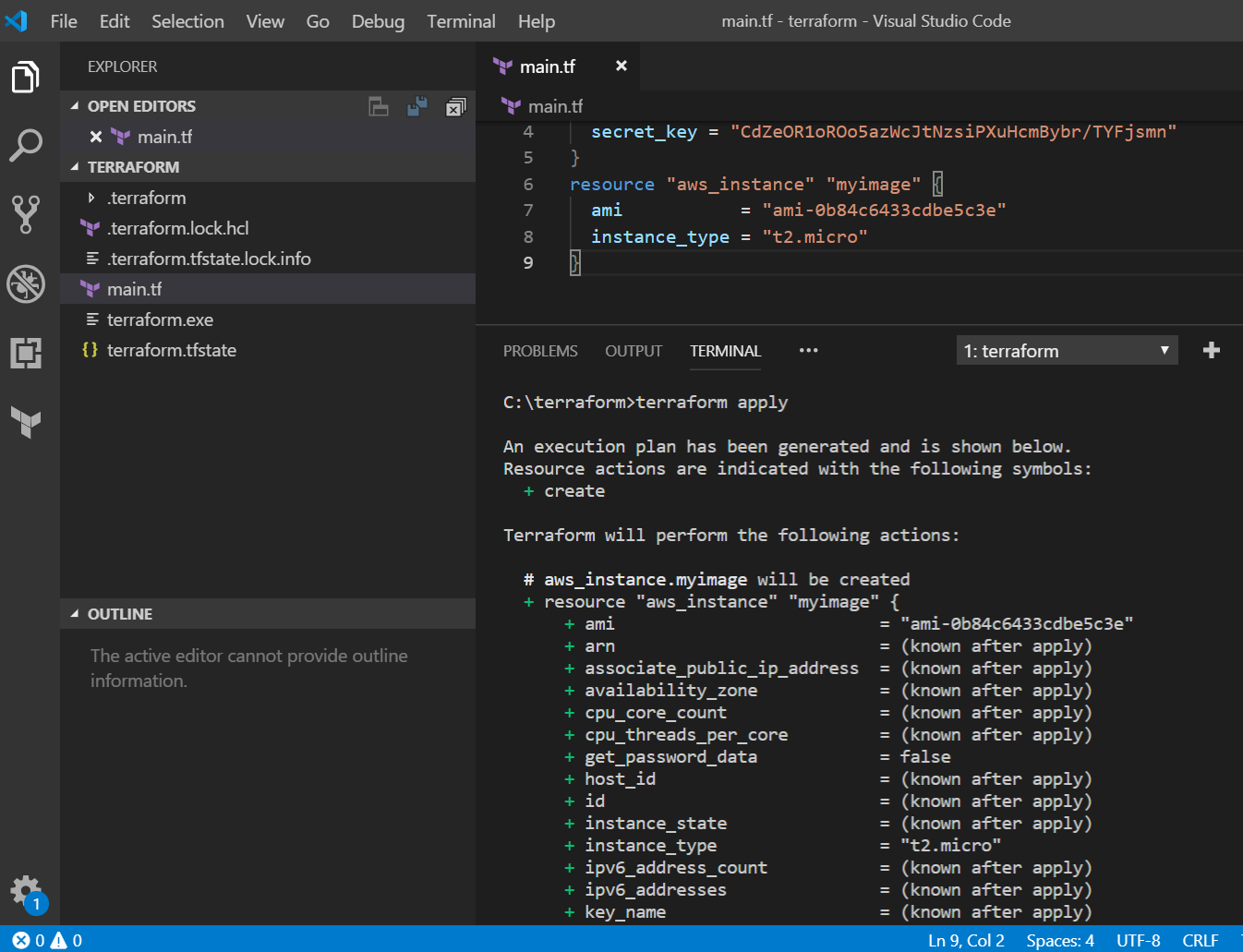
terraform apply

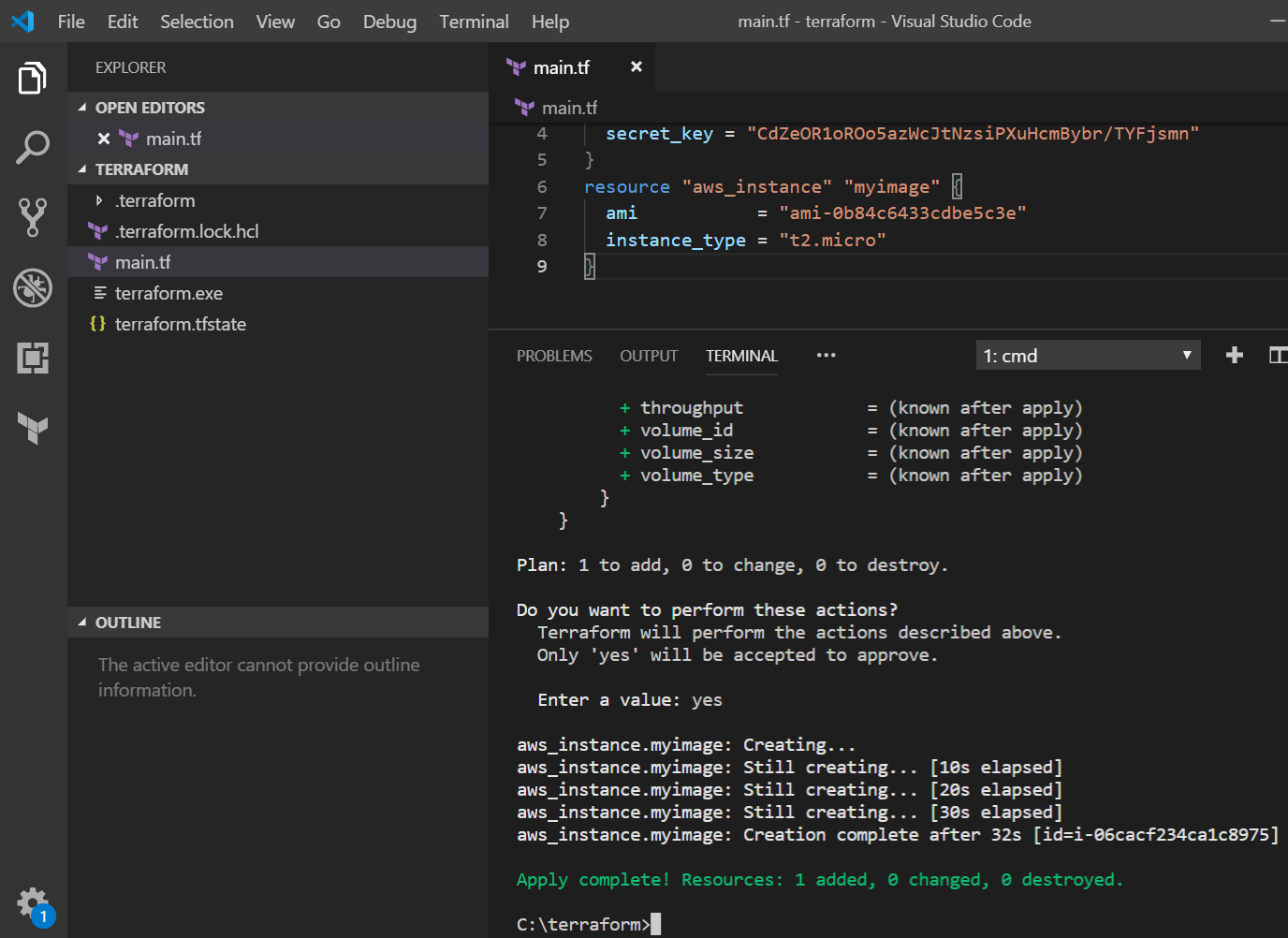
terraform destroy

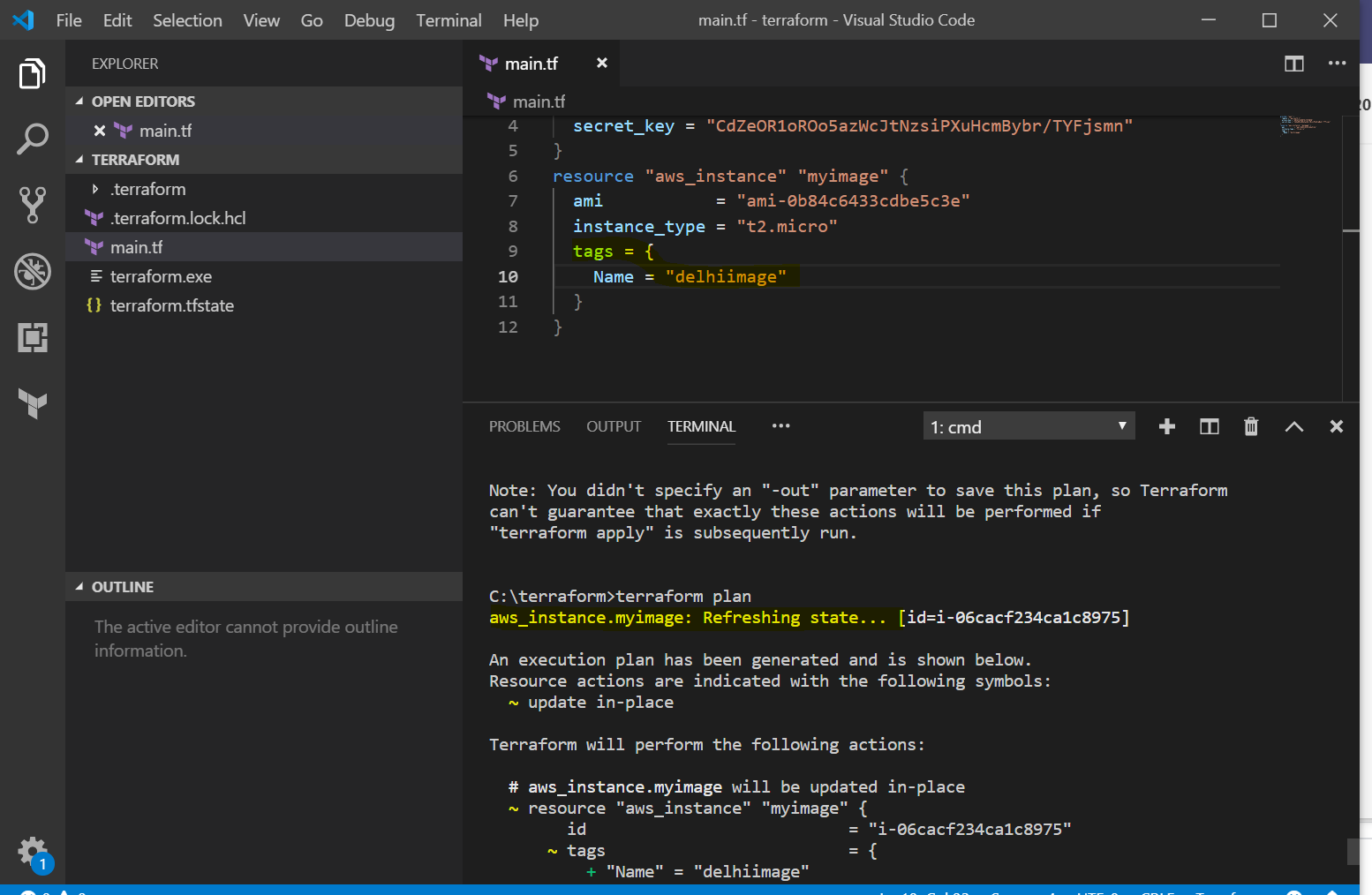


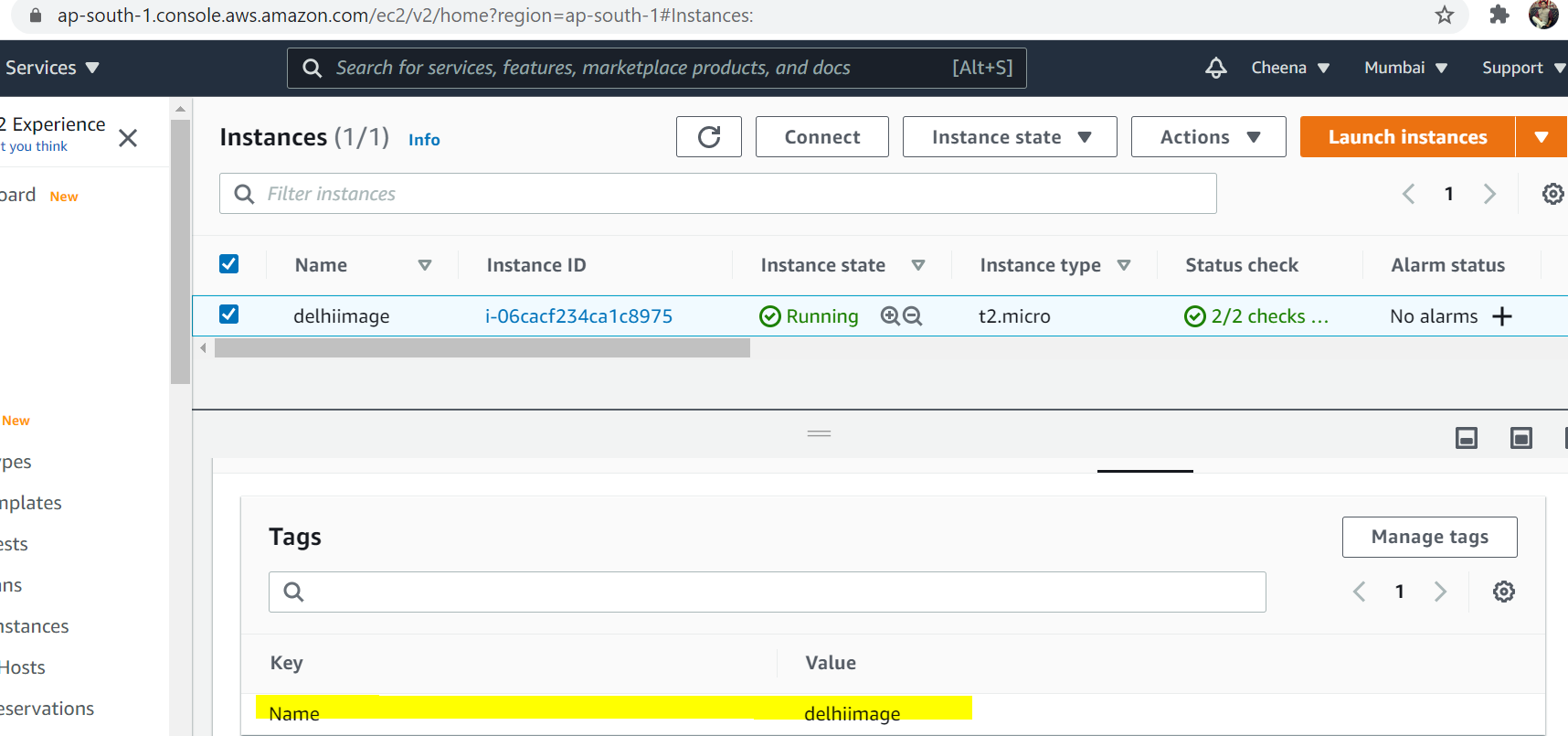


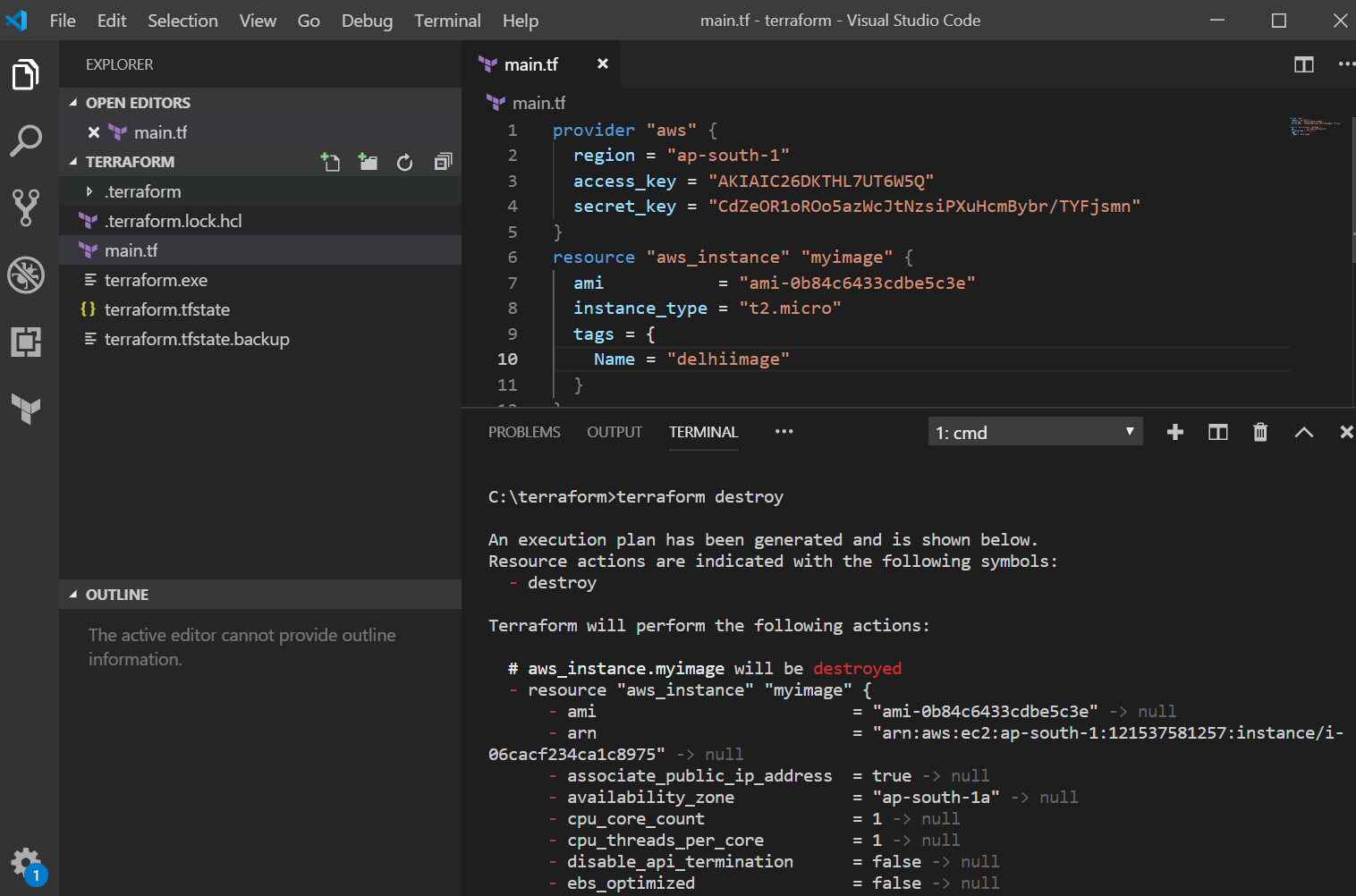


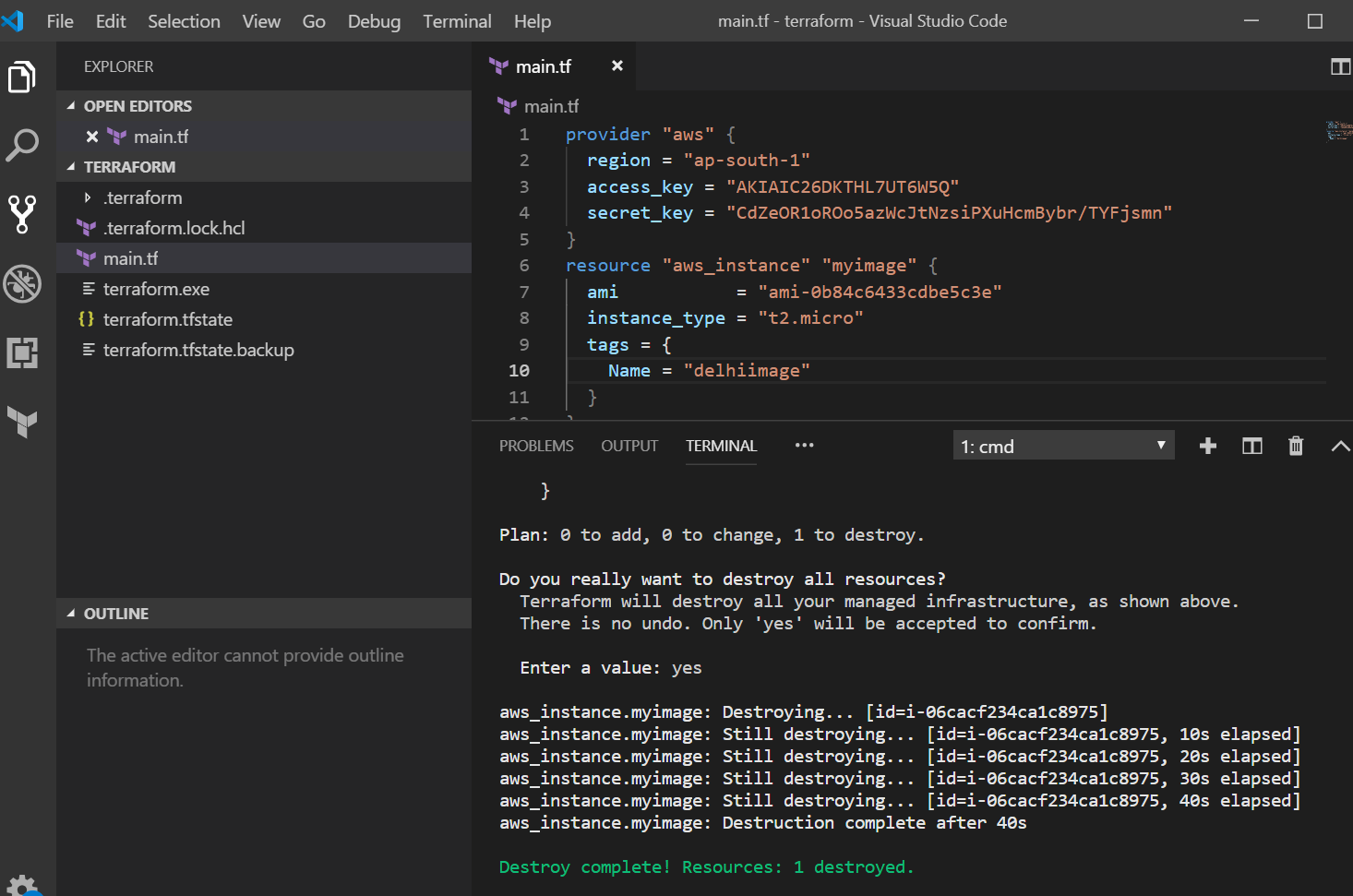


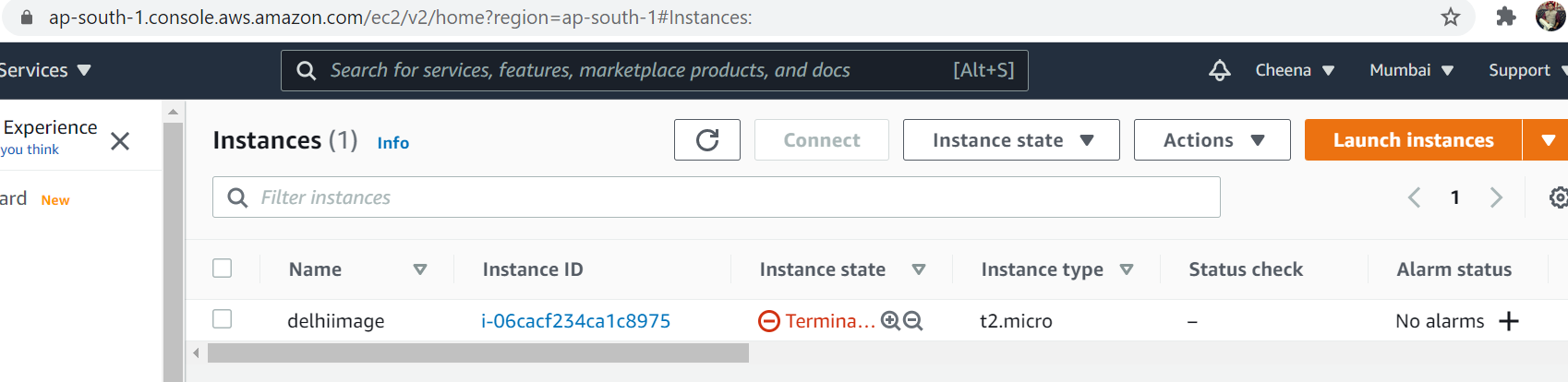












# Configure the AWS Provider

provider "aws" {

region = "ap-south-1"

access\_key = " "

secret\_key = " "

}

resource "aws\_instance" "myimage" {

ami = "ami-0b84c6433cdbe5c3e"

instance\_type = "t2.micro"

tags = {

Name = "delhiimage"

}

}